

AMENDED CLAIMS

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original claims 1-7 replaced by amended claims 1-9
(1 page)]

According to the present invention, there is provided a tile cutting attachment for the cutting of holes in tiles of a hard composition comprising.

1. Comprising a shaft (1) and a tip (2) for engaging the workpiece.
2. The tip is provided with 6 cutting edges.
3. Each edge, as claimed in claim 3, is provided with a clearance angle (c), approx. $10^\circ - 20^\circ$, sufficient to provide a cutting edge to cut the workpiece as the drill bit rotates.
4. The tip as claimed in claims 3 and 4, should be provided with a point angle (p) of approx. 90° .
5. The point as claimed in claim 5, should be given a relief angle (r) of approx. 60° .
6. The point angle (p) & relief angle (r) as claimed in claim 4 and 5, should form a central point on the head of the tip
7. Secondary cutting edges should be provided with an overall angle (s) of approx. 30° .
8. A tile drill bit having an active diameter of d.
9. The cutting tip, as in claim 2, is manufactured from tungsten carbide.